Weekly Great Lakes Water Levels Update for June 8, 2001

Recent Weather: Cloudy, cool and wet conditions persisted into the first full week of June as a fall-like weather pattern lingered across much of the Great Lakes. Tributary streamflows remained at or above average for daily flows across the southern and western lakes. Recent moderate rain across the Lake Ontario basin helped to alleviate its dry spring conditions.

Current Lake Levels: Water levels on all of the Great Lakes have risen at near seasonally average rates since mid-May in response to the greater than average water supplies on all of the lakes except Lake Ontario in May. Each of the Great Lakes remain below their long-term averages, however Lake Ontario is close to its historical June average level.

Current Outflows / Channel Conditions: Because of higher than average supplies to the Lake Superior basin in May, the flows through the St. Marys River into Lake Huron have been increased to near 2,125 cubic meters per second (75,000 cubic feet per second) for June. These outflows are 3% below average for the month of June. Because of continuing low levels on the middle lakes, flows in the St. Clair and Detroit Rivers are expected to remain below average through the summer. Flows into the Niagara River from Lake Erie should be slightly below average while outflows from Lake Ontario into the St. Lawrence River should stay near average for the summer.

Temperature/Precipitation Outlook: Warmer, dryer weather conditions will generally dominate across the southern Great Lakes into the coming week while the Lakes Superior and Huron basins will remain unsettled with seasonal to cooler than average temperatures.

Forecasted Water Levels:

The June 2001 Great Lakes water levels forecast (see second web site below) anticipates a continuation of the seasonal rises on the Great Lakes into June. Lakes St. Clair and Erie are expected to peak later this month while Lakes Michigan-Huron and Ontario will likely peak in July. Lake Superior should end its seasonal rise in August.

Alerts: Users of the Great Lakes, connecting channels and St. Lawrence River should keep informed of current conditions before undertaking any activities that could be affected by low water. Mariners should possess navigation charts and refer to current water level gage readings.

Further Information: Please visit the following web sites for more detailed information:

<http://www.great-lakes.net/envt/water/levels/hydro.html>
<http://huron.lre.usace.army.mil/levels/hmpglv.html>
<http://www.ijc.org>
<http://huron.lre.usace.army.mil/ijc/superior.html>
<http://www.islrbc.org/>

WATER LEVELS OF THE GREAT LAKES
WEEKLY DATA SUMMARY

FORECASTED INFORMATION PROVIDED BY:
DEPARTMENT OF THE ARMY
DETROIT DISTRICT, CORPS OF ENGINEERS
P.O.BOX 1027
DETROIT, MICHIGAN 48231
(313) 226-6443

RECORDED DATA (1900-PRESENT)
PROVIDED BY:
NOAA, NATIONAL OCEAN SERVICE
SSMC4 STATION 7523
1305 EAST-WEST HIGHWAY
SILVER SPRING, MD 20910-3233
(301) 713-2902

	SUPERIOR	MICH-HURON	ST. CLAIR	ERIE	ONTARIO
Expected water level for June 8, 2001 (feet)	601.44	577.59	573.79	571.23	246.00
Chart datum (feet)	601.1	577.5	572.3	569.2	243.3
Difference from chart datum (inches)	+ 4	+ 1	+18	+24	+32
Difference from last month (inches)	+ 5	+ 5	+ 6	+ 3	+ 3
Difference from last year (inches)	+ 5	- 1	0	- 1	- 9
ALL DATA SHOWN IN THIS SUMMARY IN IGLD 1985					
Difference from long-term monthly average level for June (inches)	- 6	-22	-11	- 9	- 2
Difference from highest recorded monthly mean level for June (inches)	-17 (1986)	- 50 (1986)	- 41 (1986)	- 37 (1986)	- 31 (1952)
Difference from lowest recorded monthly mean level for June (inches)	+ 19 (1926)	+ 11 (1964)	+ 17 (1934)	+ 26 (1934)	+ 31 (1935)
Projected change in levels by July 8, 2001 (inches)	**+ 2**	**+ 2**	**- 1**	**- 1**	**+ 1**